

AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions, and listings of the claims in the application:

1. (Currently Amended) An airway adaptor comprising:

(a) a tubular body having a first gas flow passage defined therein and a longitudinal axis extending along the first gas flow passage; and

(b) a protrusion extending from an interior wall of the tubular body into the gas flow passage, wherein the protrusion includes:

(1) a distal end portion spaced apart from the interior wall of the tubular body, and wherein at least a first portion of the distal end portion is defined in a first plane that is generally parallel to the longitudinal axis, and

(2) a second gas flow passage defined through the protrusion having an inlet defined in the first portion of ~~at the distal end portion~~, and an outlet at an exterior portion of the tubular body; and

(c) a pair of sidewalls ~~disposed on~~ extending from the distal end portion of the protrusion such that each sidewall is defined in a second plane is generally parallel to ~~a direction of a flow of gas through the first passage with~~ the longitudinal axis, wherein the inlet of the second gas flow passage is disposed between the pair of sidewalls, and wherein the first plane is generally perpendicular to the second plane.

2. (Original) The airway adaptor of claim 1, wherein the protrusion is substantially tubular.

3. (Original) The airway adaptor of claim 1, wherein the protrusion is formed of substantially hydrophobic material.

4. (Currently Amended) The airway adaptor of claim 1, wherein the protrusion is substantially centrally located on the tubular body and extends into the first gas flow passage in a direction that is substantially perpendicular to the ~~interior wall of the tubular body~~ longitudinal axis.

5. (Original) The airway adapter of claim 1, wherein the protrusion is detachable from the tubular body.

6. (Currently Amended) The airway adapter of claim 1, wherein ~~the sidewall extend along a length of the distal end portion of the protrusion such that a channel is defined between the sidewalls, with the inlet of the second gas flow passage being located at a bottom of the channel.~~

7. (Original) The airway adapter of claim 1, wherein the second gas flow passage through the protrusion is defined by a plurality of bores having different diameters.

8. (Currently Amended) The airway adapter of claim 1, wherein each sidewall in the pair of sidewalls ~~include~~ includes a substantially planar surface, and wherein the planar surfaces ~~or are~~ oriented such that ~~planar~~ the planar surfaces face one another.

9. (Original) The airway adapter of claim 8, wherein the planar surfaces are tapered such that a distance between the planar surfaces decreases as a distance toward the distal end portion decreases.

10. (Original) The airway adapter of claim 1, wherein a channel is defined at a junction between each sidewall and a surface of the protrusion at the distal end portion.

Claim 11. (Cancelled).

12. (Original) The airway adapter of claim 1, wherein the distal end portion includes a first surface generally parallel to the direction of the flow of gas through the first passage and a raised surface extending from the first surface, and wherein the inlet is defined in the raised surface.

13. (Currently Amended) The airway adapter of claim 1, further comprising a coupling portion extending from an exterior wall of the tubular body adapted to be coupled to a conduit, and wherein the coupling portion includes a third gas flow passage in fluid communication with the second gas flow passage.

14. (New) An airway adaptor comprising:

(a) a tubular body having a first gas flow passage defined therein and a longitudinal axis extending along the first gas flow passage; and

(b) a protrusion extending from an interior wall of the tubular body into the gas flow passage in a direction generally perpendicular to the longitudinal axis and terminating at a distal end portion that is spaced apart from the interior wall of the tubular body,

(c) a second gas flow passage defined in the protrusion having an inlet at the distal end portion and an outlet at an exterior portion of the tubular body;

(d) a first sidewall extending from a first side of the distal end portion of the protrusion in a cantilevered fashion, wherein the first sidewall extends from the protrusion in a direction that is generally perpendicular to the longitudinal axis; and

(e) a second sidewall extending from a second side of the distal end portion of the protrusion in a cantilevered fashion, wherein the second sidewall extends from the protrusion in a direction that is generally perpendicular to the longitudinal axis, and wherein the inlet of the second gas flow passage is disposed between the pair of sidewalls.

15. (New) The airway adapter of claim 14, wherein a channel is defined between the first sidewall and the second sidewalls with the inlet of the second gas flow passage being located at a bottom of the channel.

16. (New) The airway adapter of claim 14, wherein the second gas flow passage through the protrusion is defined by a plurality of bores having different diameters.

17. (New) The airway adapter of claim 14, wherein the first sidewall includes a first substantially planar surface, wherein the second sidewall includes a second substantially planar surface, and wherein the first planar surface and the second planar surface generally face one another.

18. (New) The airway adapter of claim 17, wherein the first and the second planar surfaces are tapered such that a distance between the planar surfaces decreases as a distance toward the distal end portion decreases.

19. (New) The airway adapter of claim 14, wherein the distal end portion includes a first surface generally parallel to the direction of the flow of gas through the first passage and a raised surface extending from the first surface, and wherein the inlet is defined in the raised surface.

20. (New) The airway adapter of claim 14, further comprising:
a first channel defined at a first junction between the first sidewall and a surface of the protrusion at the distal end portion; and
a second channel defined at a second junction between the second sidewall and the surface of the protrusion at the distal end portion.